

表 CCSDS文書 及び ISO / SC13文書作成・制定状況一覧表

注) 

現在は凍結等

2007-6-4

Area	文書種別	文書名	CCSDS 文書番号	発行 年月	CCSDS ステータス	ISO文書番号 (朱書；審議中)	
SLS	Blue	Telemetry Channel Coding	101.0-B-6	2002.10	凍結	ISO 11754:2003 Stage90.93(05-10-24)	
		Packet Telemetry	102.0-B-5	2000.11		ISO 13419: 2003-02-10制定	
		Packet Telemetry Services	103.0-B-2	2001.6		ISO 17433 2003-02-11制定	
		Lossless Data Compression	121.0-B-1	1997.5		ISO 15887-2000 Stage90.60(05-07-15)	
		Image Data Compression	122.0-B-1	2005.11		Review Completed	ISO/DIS 26868 Stage40.93(07-03-26)
			122.0-R-2	2005.7			
		TM Synchronization & Channel Coding	131.0-B-1	2003.9		ISO 22641 2005-07-22制定	
		TM Space Data Link Protocol	132.0-B-1	2003.9		ISO 22645 2005-07-22制定	
		Encapsulation Service	133-1-B-1	2006.6		ISO/CD 10537 Stage30.99(07-03-20)	
		Space Link Identifiers	135.0-B-3	2006.10		ISO 22647 2006-02-17制定 ISO/CD 22647 Stage30.99(07-03-14)	
		Telecommand part1 -Channel Service -Architectural specification	201.0-B-3	2000.6	凍結	ISO 12171: 2002-09-26制定	
		Telecommand part2 -Data Routing Service	202.0-B-3	2001.6	凍結	ISO 12172: 2003-02-10制定	
		Telecommand part2.1 -Command Operation Procedures	202.1-B-2	2001.6	凍結	ISO 12173: 2003-02-10制定	
Telecommand part3 -Architectural specification for the data management service	203.0-B-2	2001.6	凍結	ISO 12174: 2003-02-12制定			

SLS	Blue	Proximity-1 Space Link Protocol-Data Link Layer	211.0-B-4	2006.7		ISO 22663 2006-04-19制定
						ISO/DIS 22663 Stage40.20(07-01-12)
		Proximity-1 Space Link Protocol-Physical Layer	211.1-B-3	2006.3		ISO 21460 2006-09-21制定
						ISO/DIS 21460 Stage40.20(07-01-11)
		Proximity-1 Space Link Protocol-Coding and Synchronization Sublayer	211.2-B-1	2003.4		ISO 21459 2006-07-05制定
		TC Synchronization & Channel Coding	231.0-B-1	2003.9		ISO 22642 2005-07-20制定
		TC Space Data Link Protocol	232.0-B-1	2003.9		ISO 22664 2005-08-18制定
		Communication Operation Procedures	232.1-B-1	2003.9		ISO 22667 2005-08-19制定
		Time Code Formats	301.0-B-3	2002.1		ISO 11104: 2003-12-10制定
		Reference Architecture for Space Data Systems	311.0-R-1	2007.1	Review Completed	
SLS	Blue	CCSDS Global Spacecraft Identification Field :Code Assignment Control Procedures	320.0-B-4	2006.1		
		Radio Frequency and Modulation Systems -Part1 :Earth Station & Spacecraft	401.0-B-17 401.0-R/P-17.1	2006.7 2007-5		Review by 07-7-16
		AOS -Networks and Data Links - Architectural Specification	701.0-B-2 701.0-B-3	1992.1	凍結	ISO13420:1997 Stage90.92(01-10-19)
		AOS -Networks and Data Links - Audio, Video and Still-Image Communications Service	704.0-B-1	1994.5		
		AOS Space Data Link Protocol	732.0-B-2	2006.7		ISO 22666-2005 Stage90.92(05-12-09) ISO/DIS 22666 Stage40.60(07-04-18)

Green	Telemetry Summary of Concept and Rationale	100.0-G-1	1987.12			
	Lossless Data Compression	120.0-G-2	2006.12			
	Telecommand - Summary of Concept and Rationale	200.0-G-6	1987.1			
	Overview of Space Link Protocol	130.0-G-1	2001.6			
	TM Synchronization & Channel Coding - Summary Concept and Rationale	130.1-G-1	2006.6			
	Channel Coding and Synchronization - Part 2 : Asynchronous - Summary Concept and Rationale	230.1-G-1	2006.6			
	Radio Frequency and Modulation Systems :Spacecraft-Earth Station Compatibility Test Procedure	412.0-G-1	1992.5			
	Bandwidth-Efficient Modulation: Summary of Definition, Implementation, and Performance	413.0-G-1	2003.4			
	AOS -Networks and Data Links - Summary of Concept, Rationale and Performance	700.0-G-3	1992.11			
	SE	The Application of CCSDS Protocols to Secure Systems	350.0-G-2	2006.1		
Security Threats against Space Missions		350.1-G-1	2006.10			
Area	文書種別	文書名	CCSDS 文書番号	発行 年月	CCSDS ステータス	I S O 文書番号
SIS	Blue	Space Packet Protocol	133.0-B-1	2003.9		ISO 22646 2005-07-18制定
		IP over CCSDS Space Links	702.1-R-2	2007.1	Review Completed	
		Space communication Protocol Specification (SCPS) -Network Protocol (NP)	713.0-B-1	1999.5		ISO 15891-2000 Stage90.60(05-07-15)
		SCPS -Security Protocol (SP)	713.5-B-1	1999.5		ISO 15892-2000 Stage90.60(05-07-15)
		SCPS -Transport Protocol (TP)	714.0-B-2	2006.10		ISO 15893-2000 ISO/CD 15893 Stage30.99(07-03-14)
		SCPS -File Protocol (FP)	717.0-B-1	1999.5		ISO 15894-2000 Stage90.60(05-07-15)

		CFDP(CCSDS File Delivery Protocol) Specification	727.0-B-4	2007.1		ISO 17355:2004 2007-05-07制定
		Asynchronous Message Service	735.1-R-1	2007.2	Review Completed	
	Gree	CFDP(CCSDS File Delivery Protocol) Part1: Introduction & Overview	720.1-G-3	2007.4		
		CFDP(CCSDS File Delivery Protocol) Part2: Implementers Guide	720.2-G-3	2007.4		
		NGSI (Next Generation Space Internet)	730.0-G-1	2003.4		
	Orange	NGSI - End-to-End Resource Provisioning for Orbiting Missions	732.5-O-1	2003.4		
		NGSI - Supporting Spacecraft IP Mobility	733.0-O-1	2003.4		
		NGSI - End-to-End Security for Space Mission Communications	733.5-O-1	2003.4		
Area	文書種別	文書名	CCSDS 文書番号	発行 年月	CCSDS ステータス	I S O 文書番号
MOI MS	Blue	Radio Metric and Orbit Data	501.0-B-1	1987.1	Withdrawn	ISO 11103:1991 Stage95.20(06-09-18)
		Orbit Data Messages	502.0-B-1	2004.9		ISO 22644 2006-04-26制定
		Tracking Data Message	503.0-R-2	2006.12	Review Completed	
		Attitude Data Message	504.0-R-1	2005.11	Review Completed	
		XML, Specification for Navigation Data Message	505.0-R-1	2005.11	Review Completed	
		Standard Formatted Data Units(SFDU) - Structure and Construction Rules	620.0-B-2	1992.5		ISO 12175:1994 Stage90.60(04-07-15)
		Standard Formatted Data Units(SFDU) - Referencing Environment	622.0-B-1	1997.5		ISO 15888:2000 Stage90.60(05-07-15)
		Standard Formatted Data Units(SFDU) - Control Authority Procedures	630.0-B-1	1993.6		ISO 13764:1996 Stage90.60(04-07-15)

MOI MS	Blue	Standard Formatted Data Units(SFDU) - Control Authority Data Structures	632.0-B-1	1994.11		ISO 15395:1998 Stage90.60(03-07-30)
		Parameter Value Language Specification (CCSD0006 and (CCSD0008)	641.0-B-2	2000.6		ISO 14961 2002-10-10制定
		ASCII Encoded English (CCSD0002)	643.0-B-1	1992.11		ISO 14962:1997 Stage90.60(04-07-15)
		The Data Description Language EAST Specification (CCSD0010)	644.0-B-2	2000.11		ISO 15889 2003-02-10制定
			644.0-P-2.1	2007.2	Review by 07-6-21	
		Data Entity Dictionary Specification Language(DEDL) Abstract syntax (CCSD0011)	647.1-B-1	2001.6		ISO 21961: 2003-03-19制定
		Data Entity Dictionary Specification Language(DEDL) PVL syntax(CCSD0012)	647.2-B-1	2001.6		ISO 21962: 2003-03-19制定
		Data Entity Dictionary Specification Language(DEDL) XML/DTD syntax(CCSD0013)	647.3-B-1	2002.1		ISO 22643: 2003-04-01制定
		Reference Model for an Open Archival Information Systems (OAIS) Reference model	650.0-B-1	2002.1		ISO 14721 2003-02-24制定
		Producer-Archive Interface Methodology Abstract standard	651.0-B-1	2004.5		ISO 20652 2006-01-30制定
		XML Formatted Data Unit(XFDU) Structure and Construction Rules	661.0-R-	2007.1	Review Completed	
	Green	Navigation Data – Definitions and Conventions	500.0-G-2	2005.11		
		Mission Operations Services Concept	520.0-G-2	2006.8		
		Space Data Systems Operations with SFDU: System and Implementation Aspect	610.0-G-5	1987.2		
		Standard Formatted Data Units(SFDU) - A Tutorial	621.0-G-1	1992.5		
		Standard Formatted Data Units(SFDU) - Control Authority Procedures Tutorial	631.0-G-2	1994.11		
	Parameter Value Language - A Tutorial	641.0-G-2	2000.6			

		Language Usage in Information Interchange Tutorial	642.1-G-1	1989.10		
		The Data Description Language EAST - A Tutorial	645.0-G-1	1997.5		
		The Data Description Language EAST - List of Conventions	646.0-G-1	1997.5		
		XML, Telemetric and Command Exchange (XTCE)	660.0-G-1	2006.7		
Area	文書種別	文書名	CCSDS 文書番号	発行 年月	CCSDS ステータス	I S O 文書番号
CSS	Blue	Cross Support Reference Model part1-SLE Services	910.4-B-2	2005.10		ISO15396 2007-04-16制定
		SLE Service Management- Service Specification	910.11-R-1	2006.3	Review Completed	
		SLE Return All Frames Service Specification(RAF)	911.1-B-2	2004.11		ISO 22669 2007-01-26制定
		SLE Return Channel Frames Service Specification(RCF)	911.2-B-1	2004.11		ISO 22670 2006-03-31制定
		SLE Return Operational Control Field Service Specification(ROCF)	911.5-B-1	2004.11		ISO 26143 2007-01-26制定
		SLE Forward CLTU Service Specification(FCLTU)	912.1-B-2	2004.11		ISO 22671 2007-01-26制定
		SLE Forward Space Packet Service Specification(FSP)	912.3-B-1	2004.11		ISO 22672 2006-05-10制定
		SLE Internet Protocol for Transfer Services	913.1-R-1	2005.10	Review Completed	
CSS	Green	SLE – Executive Summary	910.0-G-2	2006.3		
		Standard Terminology, Conventions, and Methodology(TCM) for Defining Data Services	910.2-G-1	1994.11		
		Cross Support Concept -part1 :SLE Services	910.3-G-3	2006.3		
		SLE-Application Program Interface for Transfer Services - Summary Concept and Rationale	914.1-G-1	2006.1		
		SLE-Application Program Interface for Transfer Services – Application Programmer’s Guide	914.2-G-1	2006.1		

Magenta	SLE-Application Program Interface for Transfer Services – Core Specification	914.0-M-0.1	2005.10	Review Completed	
	SLE-Application Program Interface for Return All Frames Services	915.1-M-0.1	2005.10	Review Completed	
	SLE-Application Program Interface for Return Channel Frames Services	915.2-M-0.1	2005.10	Review Completed	
	SLE-Application Program Interface for Return Operational Control Field Service	915.5-M-0.1	2005.10	Review Completed	
	SLE-Application Program Interface for Forward CLTU Service	916.1-M-0.1	2005.10	Review Completed	
	SLE-Application Program Interface for Forward Space Packet Service	916.3-M-0.1	2005.10	Review Completed	
CESG	Green	CCSDS Glossary	A30.0-G-3	1997.7	

**Area**

- Space Link Services (SLS)
- Space Internetworking Services (SIS)
- Spacecraft Onboard Interface Services (SOIS)
- Cross Support Services(CSS)
- Mission Operation & Information Management Services (MOIMS)
- System Engineering Services (SES)

**Color**

- Blue: Recommended Standards
- Magenta: Recommended Practices
- Green : Informational Reports
- Orange : Experimental